

Converting Colors

Hex(5D4207)

Have a look what the booklet for
Hex(5D4207) contains.

Hex(5D4207)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5D4207)

Conversions

Conversions Part 1

Format	Color
Hex	5D4207
RGB	93, 66, 7
RGB Percent	36%, 26%, 3%
CMY	0.6353, 0.7412, 0.9725
CMYK	0.00, 0.29, 0.92, 0.64
HSL	41°, 86%, 20%
HSV	41°, 92%, 36%
XYZ	6.5008, 6.2389, 1.0626
YIQ	67.3470, 35.0310, -12.6250

Conversions

Conversions Part 2

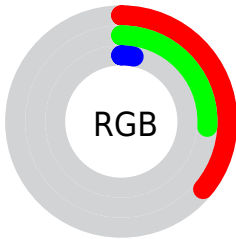
Format	Color
RYB	46, 93, 7
Decimal	6111751
CIELab	30.01, 6.17, 36.58
CIELCh	30, 37.100, 80.427
Yxy	6.2389, 0.4710, 0.4520
Android (android.graphics.Color)	4284301831 (0xFF5D4207)
YUV	67.3470, -29.7511, 22.4977
Hunter-Lab	24.9778, 2.7454, 14.9621

Details

The Hex color **5D4207** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **07225D**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **937238**, and **2A1800** is the 20% darker color. If you saturate the color by 10%, you get **5D4000**, and if you desaturate by 10%, it is **5D4510**.

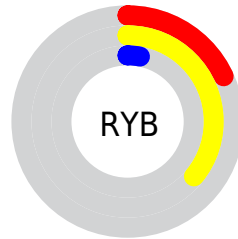
Distribution



Red (36%)

Green (26%)

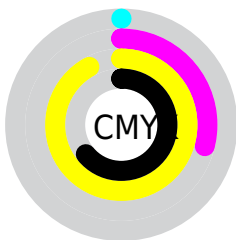
Blue (3%)



Red (18%)

Yellow (36%)

Blue (3%)

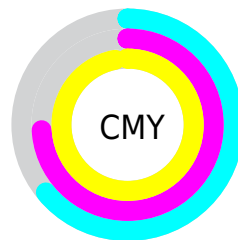


Cyan (0%)

Magenta (29%)

Yellow (92%)

Black (64%)



Cyan (64%)

Magenta (74%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D4207 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 5D4207 by changing the saturation by 10% instead.

 5D4207

 5D4207

 FFFFF0

 442C00

 937238

 2A1800

 AF8B50

 0F0000

 CBA569

 000000

 E8C082

 FFDC9D

 FFF9B8

 FFFFD4

 5D4207

 5D4207

■ 5D4000

■ 5D4510

■ 5D481A

■ 5D4B23

■ 5D4E2C

■ 5D5136

■ 5D543F

■ 5D5648

■ 5D5951

■ 5D5C5B

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71361B



5D4207



424B09

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



5D4207



00545A



60366C

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



5D4207



07225D

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



35437D



5D4207



005273

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



5D4207



00543C



004D80



762C51

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



5D4207



2C4F17



004D80



553B73

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



5D4207



786D56



5D0722



3D3728



BDBDBD



3D3D3D

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



5D4207



785200



4D5D07



2E2C29



6E4B00



EDA300

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



07225D



002678



17075D



292B2E



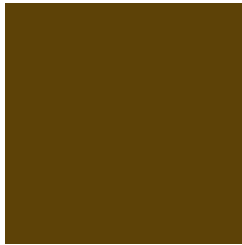
00226E



004AED

Previews

White Background



This preview shows how the Hex color 5D4207 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5D4207 Background



This preview shows how black text looks on a background with the Hex color 5D4207.



This preview shows how white text looks on a background with the Hex color 5D4207.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
5D4207

Protanopia
504709

Deuteranopia
5A4305



Tritanopia
603D42

Trichromacy



Original Color
5D4207

Protanomaly
554508

Deuteranomaly
5B4306

Tritanomaly
5F3F2D

Monochromacy



Original Color
5D4207

Achromatopsia
434343

Achromatomaly
4C432D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D4207 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #5D4207 looks like.

```
.text, #text, p{  
    color:#5D4207  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #5D4207 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D4207
}
```

Border

The CSS property to change the border of an element to Hex 5D4207 is called "border". The border property can be set on classes, ids or directly on the HTML element.

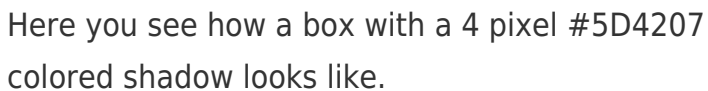
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D4207 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#5D4207 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #5D4207 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D4207; -webkit-box-shadow:4px 4px  
4px 4px #5D4207; box-shadow:4px 4px 4px  
4px #5D4207 }
```

Background

The CSS property to change the background color of an element to Hex 5D4207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D4207 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#5D4207 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor